



11 Apr 1990

The Missouri Miner, April 11, 1990

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Missouri Miner



A publication of the students of the University of Missouri-Rolla

April 11, 1990

Volume 78, Number 27

Sixteen pages

Chancellor addresses students on new research program

Formation of Education Board recommended

TO: UMR Faculty and Students
FROM: Martin C. Jischke, Chancellor
I am please to announce the establishment of an Opportunities for Undergraduate Research Experience program on the UMR campus. I have asked the Dean of Graduate Study, Harry Sauer, to administer this program.

The purposes of this program are to:

- 1) expand opportunities for a more active form of learning by students;
- 2) encourage the direct interaction of undergraduate students with faculty through research;
- 3) expand the level of research activity on the campus;
- 4) help encourage superior students to pursue graduate study; and
- 5) reinforce the idea that teaching and research are compatible and mutually reinforcing at a research university.

A faculty committee has proposed guidelines under which this program is organized. Based on the recommendations of this committee and comments from members of the faculty and administration, the following guidelines have been adopted for the program.

1) Eligibility. All full-time UMR undergraduate students are eligible to participate in the program. Students must have a cumulative grade point

average greater than 2.5 in order to be eligible for financial support from the OURE program. Some projects may require special student skills. Projects may provide pay and/or academic credit. Participation in the program by UMR undergraduate students requires that a faculty sponsor sign the research agreement attesting to the academic value of the proposed project and agreeing to supervise it. The project definition is left entirely to the student and faculty supervisor.

2) Administration. The program shall be administered by the Dean of Graduate Study. Decisions regarding the expenditure of funds and the selection of research projects shall be the responsibility of the Dean with the advice of a committee of graduate faculty members to include two members selected by each School/College Dean.

3) Applications. Forms are available from each departmental office and in the Graduate Dean's office, 210 Parker Hall, for students to apply to the UMR Opportunities for Undergraduate Research Experience program. Forms are also available for faculty to provide potential project descriptions, along with memos inviting such opportunities.

During the first year of this program, the activities envisioned include:

1) support for summer 1990 and fall 1990 undergraduate research projects including salaries and expendables for students,

2) April 1991 Undergraduate Research Symposium on campus and prize money for outstanding papers (optional participation this year),

3) a final report (in style of journal manuscript, when appropriate; 5 typed, single spaced, pages as minimum otherwise) for inclusion in bound volume to be compiled annually.

Second year activities may expand to include:

1) fall announcement/selection of undergraduate research projects with optional starts in Winter '91 semester or Summer '91 session;

2) spring selection of undergraduate research projects with optional starts in Summer '91 session or Fall '91 semester;

3) exploration of combined undergraduate/graduate program leading to a Master's degree linked to the Undergraduate Research Experience. Would require dual enrollment.

I am hopeful that this program will provide additional opportunities to our students to participate in the research program of the campus. I believe this is an excellent opportunity for encouraging some of our most able undergraduate students.

University Relations SOURCE

The curators of the University of Missouri System should seize the "unique opportunity" to participate in the review of higher education currently under way by a state-appointed commission, Curator Webb Gilmore told his colleagues.

Gilmore made his comments during a discussion about the Missouri Business and Education Partnership Commission, a group appointed by the governor and General Assembly to study Missouri's system of higher education.

"We have a unique opportunity and, in my opinion, a responsibility to participate in this statewide planning process," Gilmore said. The Kansas City lawyer outlined four choices for statewide governance that could be considered by the commission:

- continue the status quo. This means the Coordinating Board for Higher Education, the UM System curators and the separate governing boards of the nine other four-year public institutions would all retain their current duties.

- continue with the present structure, but give the CBHE additional powers over institutional missions and the elimination of degree programs.

- create a second system involving the four-year schools that are not part of the UM System. This would give the state the CBHE and two governing boards for four-year institutions.

- establish a one-board system, which would combine the governance and coordinating functions of the CBHE and the 10 separate institutional governing boards.

UM System President C. Peter Magrath and several curators agreed that the board should monitor the progress of and cooperate with the commission. No action was taken on specific recommendations.

In other action during the two-day meeting, the curators:

- approved the name Carrie Francke Drive for a road leading to University Hall, the Alumni Center and A.L. Gustin Golf Course in Columbia. Francke was serving on the Board of Curators when she was killed in a car accident last May.

- were told the University System has received about \$21 million in private gifts through the first eight months of fiscal 1990. Gift receipts are \$1.8 million more than they were at this time last year.

Hatheway assists Egyptian government in preservation of Sphinx

News and Publications SOURCE

A UMR professor of geological engineering is assisting the Egyptian government in its efforts to solve the riddle of how to preserve and protect the Sphinx from further damage caused by erosion.

Dr. Allen Hatheway explained that, through time, several natural and man-made forces have combined to lessen the Sphinx's resistance to wind erosion. As a result, the sculpture of a

mythical lion-beast that bears the image of the Pharaoh Cephron, has lost much of its form.

The Egyptian government's concern over the worsening condition of the 4,000 year-old Sphinx resulted in the formation of the multidisciplinary National Research Council Working Group on the Conservation of the Sphinx, of which Hatheway is a member.

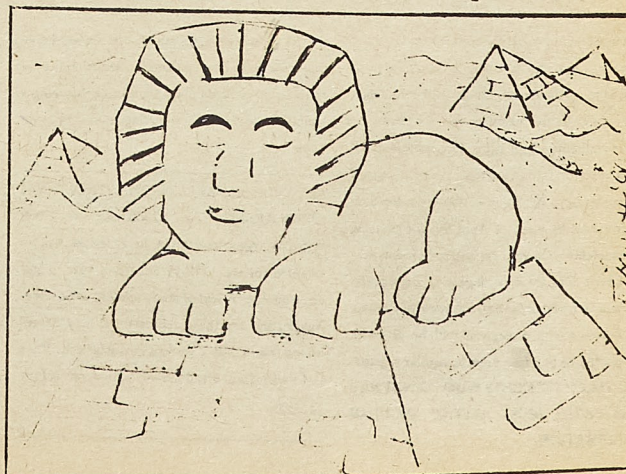
As his contribution to the group's work, Hatheway recently completed an on-site study of the geological aspects related to preserving the monument.

Hatheway explained that part of the problem is that the Sphinx lies in the quarry from which it was isolated from 70-million-year-old limestone and rests only 12 feet above groundwater level.

"As a result," he said, "water migrates upwards by capillary action into the monument to its original appearance."

"The rear quarters portion of the Sphinx already has been re-formed using matching hand-cut limestone blocks," he explained. "As a result,

see Sphinx, page 3



Calendar of Events

Wednesday

Wesley Meeting, 6p.m., at the Wesley Foundation.

Mass, 9p.m., at the Newman Center.

Thursday

Bible Study Club Meeting, 4p.m., in Maramec Room.

Toastmasters Meeting, 4:45p.m., in room 220 Fulton Hall. Toastmasters is an international organization devoted to helping its members develop their public speaking, listening, and critical evaluation skills.

Campus Crusade for Christ, 6p.m., in room 125 Schrenk.

KME Help Session, 7p.m., in room 203 M-CS.

EIT Review Session, 7p.m., in room 114 CE. Topic is "Statics and Dynamics."

Southwinds meeting, 3rd floor of Humanities Building, 3-4 p.m.

Friday

UMR Juggling Club, 4:30p.m. to 6p.m. and 7 to 8p.m., at the Miner Rec. Contact Ed Carstens at 364-7536.

Saturday

Spring dinner concert by UMR Collegium Musicum, Centennial Hall, UC-East. Cost of the dinner is \$15 and reservations are required. Tickets and reservations for the dinner concert can be obtained from 8a.m.-noon and 12:30-4:30 p.m. weekdays at the ticket window in the UC-West. For more information contact Kramme at 314-341-4109 or Brenda Zoellner at 314-341-4185.

Monday

Bible Study (Life Talks), 333 Thomas Jefferson, 6:30 p.m., everyone is invited.

Tuesday

Preregistration for the Summer and/or Fall semester is open to currently enrolled students and former students who have been accepted for readmission to the university. Students should obtain their preregistration materials from the Registrar's Office beginning April 12th. Registration material is to be returned to the registrar's Office April 16 through April 20. Students should contact their departments the week of April 9th for advising appointments. See your department for details.

Detailed information regarding preregistration will be found in the Fall Schedule of Classes.

Students who preregister will be given an opportunity to pay fees prior to regular registration. THOSE STUDENTS WHO DO NOT PAY FEES EARLY MUST ATTEND REGULAR REGISTRATION.

Dec Grads go to 103 Parker Hall today to apply.

All International Students: March 25 is the International Day. The ISC needs cooperation from all international students with the costume show, the exhibit, and especially your native food recipes, so come to the meeting on every Wednesday at 5:15p.m., in room 213 University Center-West.

For more information call Melissa at 364-6963.

Undergraduate Engineering Majors with approximately 32 to 64 hours completed in their curriculum are eligible to apply for Tau Beta Pi Freshman Scholarships. For more information please contact Martina Schollmeyer at 364-9289 ASAP.

NO Graduation checks will be made during preregistration April 16-20, 1990. Please come to Registrar's Office before April 13, 1990.

Financial Aid

WINTER 1990 MISSOURI HIGHER EDUCATION ACADEMIC "BRIGHT FLIGHT" SCHOLARSHIP CHECKS for the Winter 1990 semester are now available. They may be picked up in the Cashier's office, basement of Parker Hall.

SOFTWARE SHOP SYSTEMS, INC. Software Shop Systems plans to award a \$1000 scholarship to a college student presently enrolled in a construction management curriculum. To be eligible for the scholarship, a student must be currently enrolled in a college construction management curriculum and be sponsored by a construction firm. Requests to Software Shop for applications must come directly from the construction firm on behalf of the student.

Completed applications must be returned to Software Shop no later than April 15, 1990. For more information, contact Student Financial Aid office, G-1 Parker Hall.

UM-ROLLA/FORD ENDOWED SCHOLARSHIP Ford Scholarship are designated for minorities and women with preference given to Ford employees, their spouses and children. The Ford Scholarship is open to any discipline. Ford Scholarships for undergraduate students may be renewed up to three times but may be renewed only once for graduate students. Renewability of scholarship is based upon a student achieving a Cum GPA of 3.0 and completing at least 24 credit hours.

MISSOURI BANKERS ASSOCIATION (MBA) SCHOLARSHIP Two \$2500 and one \$5000 Willis W. Alexander MBA Scholarships will be awarded for the 1990-91 academic year to students pursuing a field of study relating to banking. Application for these scholarships may be received from UMR's Student Financial Aid Office, G-1 Parker Hall. Deadline for applications is June 15, 1990.

AMERICAN PETROLEUM INSTITUTE (API) GREATER KANSAS CITY CHAPTER SCHOLARSHIP The Greater Kansas City Chapter of the API is sponsoring two scholarships for the 1990-91 school year to a junior or senior in I-90, who have a definite need, who have maintained good academic standing and who are a resident of Jackson, Clay, or Platte Counties in Missouri or Wyandotte, Johnson, Leavenworth, Miami, or Douglas Counties in Kansas.

To request an application contact Mr. Ronald L. Cook Scholarship Committee Chairman, c/o Petroleum Consultants, P.O. Box 12268, Overland Park, Kansas 66212.

Applications must be received by April 13, 1990.

THE COUNCIL ON PUBLIC HIGHER EDUCATION The COPHE will be offering ten \$1000 scholarships for the 1990 year. Recipients must have a minimum of 75 college credits, and will be chosen by a committee made up of representatives of COPHE institutions, and awards will be based on accomplishments within the college or university attended by the student. Financial need will not be a factor in determining awards.

Application Deadline is May 18, 1990.

Mail Applications to: John C. Vaughn, COPHE Director, 105 Harris Hall, University of Missouri-Rolla, Rolla, MO 65401.

Applications available at the Student Financial Aid Office G-1 Parker Hall.

SUMMER FINANCIAL AID APPLICATIONS can be pick-up at the Student Financial Aid Office, G-1 Parker Hall. Office Hours are from 8a.m. to 4:30p.m. Monday thru Friday.

Deadline: Applications should be completed and submitted by April 20, 1990.

MISSOURI SOCIETY OF TELEPHONE ENGINEERS The Missouri Society of Telephone Engineers will be offering one \$500 scholarship to an Engineering student, who meets the following qualifications: 1) He/She must be a junior or senior student enrolled in good standing in an engineering curriculum leading to a Bachelor of Science degree, 2) He/She must have an overall grade point average of 3.0 out of 4.0 (or equivalent) or better, and 3) He/She must be a Missouri resident.

Applications can be pick-up at Student Financial Aid Office, G-1 Parker Hall.

Deadline: Application must be submitted by April 27, 1990.

ROLLATIONS CLUB The Rolla Lions Club will be offering one \$1000 scholarship to students who meet the following qualifications: 1) Must be a Rolla Resident (Phelps and Adjacent counties), 2) Must have been enrolled at UMR for at least one year, 3) Have a GPA of 3.0/4.0, 4) Must be a full-time student.

Applications can be pick-up at the Student Financial Aid Office, G-1 Parker Hall. Deadline is April 16, 1990.

Summer registration available Thursday

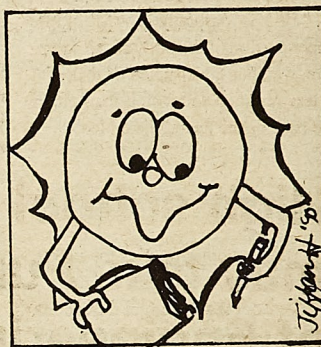
University of Missouri-Rolla students wanting to take summer courses in St. Louis or Kansas City area colleges and universities will be able to pre-register for those courses from 9:30a.m. - 3p.m. Thursday, April 12, in the Missouri Room of the University Center-East.

Representatives of several colleges and universities in the two metropolitan areas will be on hand to answer questions and register students. Those representatives unable to attend will send registration materials and summer class schedules.

St. Louis area institutions represented include: University of Missouri-St. Louis, Belleville Area College, East Central College, Jefferson College, Mineral Area College, St. Charles County Community College and the three St. Louis Community Colleges — Florissant Valley, Forest Park and Meramec.

Kansas City area institutions include: University of Missouri-Kansas City and the three Kansas City Metropolitan Colleges — Longview, Maple Woods and Penn Valley.

For additional information contact Loretta Paulson, Admissions Office, University of Missouri-Rolla, 102 Parker Hall, Rolla, Mo. 65401-0249, phone (314) 341-4164.



Missouri Miner

The **Missouri Miner** is the official publication of the students of the University of Missouri-Rolla. It is distributed each Wednesday afternoon at Rolla, Missouri and features activities of the students of UMR.

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The **Missouri Miner** encourages comments from its readers, and will attempt to print all responsible letters and editorial material received. All submissions must have a name, student ID number, and phone number for verification. Names will be withheld upon request.

Submissions for publication must be in our drop box (first floor of the Norwood Hall, Room 103) by 3:30 p.m. on the Thursday before publication. The **Missouri Miner** reserves the right to edit all submissions for style, grammar, punctuation, spelling, length, and matters of good taste.

The **Missouri Miner** is operated by the students of UMR and the opinions expressed in it do not necessarily reflect those of the university, faculty, or student body.

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Sphinx

the body of the sculpture, dissolving salts of the limestone and then releasing them for crystallization, at the surface of the monument. This, in turn, allows fragmentation and breakage of the rock by weathering, or 'spalling,' to take place."

He added that this is a situation exacerbated by the western desert winds which deposit additional salts on the monument. These salts crystallize in the variable hot-dry climate and foggy early morning conditions of the west bank of the Nile River near Cairo, where the Sphinx is located, and intensify the spalling.

"Other minor pollutants that result from the air of urban Cairo have further degraded the surface resistance of the monument," Hatheway said.

"This is particularly true of the upper portion of the body of the sculpture, which is constructed of rock that is less resistant to erosion than either the base or the head," he added.

In his report, Hatheway has recommended that a thorough geological characterization of the rock mineralogy of the Sphinx and the natural fractures along which much of the erosion is taking place be conducted.

"This should be followed by an engineering remediation designed to bar the upward movement of the groundwater into the rock that makes up the body of the sculpture," he said.

"In addition, I believe that some redressing of the rock at and near the surface of the monument may have to be done."

Hatheway also advocates restoring the Sphinx once again sports a long tail looped up along its right flank."

"This work was done over a three-year period by the Egyptian Antiquities Ministry," he added.

Hatheway added that King Tut's grandfather, who discovered the monument buried under sand 1,200 years after its completion, initiated the

first efforts to repair the monument.

"In addition, the Roman and Greek occupiers of Egypt made early restorations of the Sphinx," he said. "Several additional efforts have also been made during this century."

Hatheway, who includes urban geology among his geological engineering areas of expertise, edited a paper on the "Geology of Cairo" in 1988. The paper is one of a worldwide series of 14 journal articles that Hatheway is directing. In addition to Cairo, the series will include Rome, Hong Kong, Montreal, Johannesburg, and Port Elizabeth, as well as several American cities.



Band members recognized

News and Publications SOURCE

The UMR chapters of Tau Beta Sigma and Kappa Kappa Psi have each received the Midwest District's Chapter Achievement Award, presented at the March 4 district meeting at the University of Wyoming. The midwest district includes eight states.

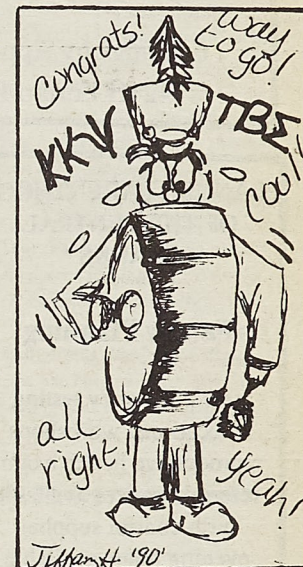
The awards recognize the chapters whose efforts best serve their own university band program in terms of administrative and support work, they host music festivals for area high school and junior high school bands and have commissioned four major band compositions.

In addition to the Chapter Achievement Awards, the chapters also received the outstanding display award.

These honorary organizations select outstanding band members for membership and service, providing needed help to the UMR band program.

Officers of Tau Beta Sigma are president Debra Hunke of Stark City and vice president Cynthia Millangue of Chesterfield.

Officers of Kappa Kappa Psi are president Randall L. Skaggs of St. Charles and vice president Thomas Hodge of St. Charles.



High school students may take Fundamentals of Engineering Course

News and Publications SOURCE

High school juniors and seniors can get an idea of what engineering is all about and possibly earn one hour of college credit in the 1990 Fundamentals of Engineering Course (A Week in Engineering School) to be held June 11-15 and a duplicate offering August 6-10 here at UMR.

The course serves as an introduction to the different fields of engineering and to the tools (engineering sciences) that engineers use to do their work. It gives the student an opportunity to evaluate their ability and interest in engineering as a career.

Participants will visit engineering departments, study analysis and design methods, solve introductory-level problems and learn professional success principles.

The week-long program will consist of approximately 24 hours of lectures and practical exercises. Daily homework assignments will be made. Students also will participate in recreational activities on campus and in the surrounding area.

Students who successfully complete the course will receive one hour

of academic credit.

Applicants should be enrolled as high school juniors or seniors and should be in the upper 25 percent of their class. Applicants should have had at least one laboratory science

course and at least three units of high school mathematics. Enrollment in each session will be limited, with preference given to those students presently completing their junior year in high school.

Deadline for the application is June 1 for the June 11-15 offering and July 27 for the August 6-10 offering. A copy of the applicant's high school transcript must accompany his or her application.

Registration fee is \$196 and the cost of room and board at the Thomas Jefferson Residence Hall Complex is \$102. All students except those who live within commuting distance are required to stay in the residence hall.

For further information on the course contact Walter Ries, director, Engineering Continuing Education, 119 Mechanical Engineering Annex, UMR, Rolla, MO, 65401; phone: 314-341-4132.

The course is sponsored by the UMR Engineering Continuing Education and the UMR School of Engineering.

There's Good News....and Good News!

Which y'wanna hear first?

Good News One: If you bought any Apple hardware after January 1, 1990, & registered it, you automatically have a one year warranty...as of purchase date!

Good News Two: If you bought any Apple hardware prior to January 1, 1990, you can buy one year's AppleCare at half-price. You pay for six months, and Apple gives you the additional six months at no cost! (Please remember an Apple technician must confirm that your equipment is in working condition at the time the AppleCare becomes effective.) You must buy before May 31, 1990. Remember AppleCare covers all parts and labor!

Finally: Here are seven tips on "How To Care For Your Macintosh":

- Give your "Mac" plenty of space. Give vents at least one inch of space. Stay away from direct sunlight.
- Make sure you have only one System Folder on your hard drive or floppies. Use "Find File" to check.
- Lock floppy disks to avoid viruses.
- Don't label disks with a pencil. Yes, the pressure you exert when writing on a disk with a pencil can damage information stored on the disk. Use a felt tip marker.
- Limit the number of times you turn your system off and on during the day. Turning it off and on repeatedly can cause premature and unnecessary wear in certain components.
- Clean your mouse every month. Use a swab and alcohol.
- Get AppleCare and do it now!

PS: We are overstocked on these items:

Macintosh Portables (2 only) \$4295*
(complete with keyboard, mouse, monitor, charger)
Macintosh II Ci (1 only) mon. Monitor \$5495*

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Macintosh SE30 (40 mg HD) \$3495* * plus tax

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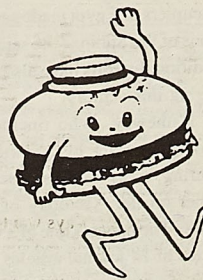


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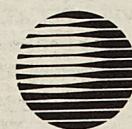
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Features

Spring break spoiled by lack of money

By Nora Okong'o
STAFF WRITER

(All characters depicted are fictional. Any resemblance to persons real or imaginary, dead or alive, is purely coincidental and must be construed as such.)

Christie tossed restlessly. The first time she actually had time to sleep in weeks and she couldn't get to sleep! It didn't seem fair. Maybe it was because the last round of tests hadn't gone all that well. Or maybe because those term papers had yet to be written. There was still time, she thought. Of course, that was what she had told herself last semester until all of a

sudden there hadn't been time. Well, a girl had to have some vacation, sometime.

The shrill ring of the telephone interrupted her slumberless agony. Only a person desperate to save on a long distance phone bill or calling from another continent would call at three a.m.

"Hello?" she announced, instantly alert.

"Christie, this is Bill. Did I wake you?"

She spared him a remark on the obvious and asked her cousin why he was calling.

"Christie, Dad just had a heart attack."

She almost had one too: "What! Is he alright?"

"Yeah, he's in the hospital right now. Mum and I just got back from

"That's all right," Christie said, trying to hide her disappointment. Florida was prime spring break vacation land, and she's always wanted to go there. When her uncle and aunt had moved there, it had seemed a golden opportunity. Like golden rays of sunshine, that had vanished now that the sun had set. But she must not be selfish. The last thing Bill and his mother need was a houseguest. "I'll be there. The doctors say he should be out in about two weeks."

"That's hopeful. I'll have to send him a get well card."

"Thanks. He'd really appreciate that." There was an awkward pause, then he continued, "Right now, it looks like you won't be able to come down for spring break."

able to come down another time, once your dad is better."

"I hope so. Well, I'll let you get back to sleep. I'll talk to you later. Bye."

"Bye, say hi to your mom for me." It now looked like she'd be writing term papers instead of basking in the sun. It was difficult to get enthused at the prospect. There was no way she could afford to go on her own.

Now she had reason to toss and turn.

"All set for Florida?" was Chad's cheerful question, at lunch the next day.

"I'm not going," Christie said.

"No?" Chad was off to Colorado for the last of the ski season.

"My uncle's in the hospital, so I'll have to wait until he's better."

With a puxxed frown, he suggested "There are still a couple of places if you want to come to Colorado."

The reason she had declined his invitation still held. It would simply be beyond her budget. Instead she said, "I want to be close enough just in case I need to go down there." Somehow she prevented herself from saying that she couldn't afford it. Chad would probably offer to pay for her, thereby making everything worse.

He gave her another puzzled frown, "Are you sure?"

"Yes, I'm sure; leave me alone," she snapped. "I have to go. I'll see you later." She stood up abruptly and left.

"I wonder what sore nerve I touched off this time," Chad thought. Christie had been so jittery as of late. Something had to be bothering her.

see, Spring break page 13

Bad English fill opening slot for Whitesnake tour

By Babu Barat
STAFF WRITER

Bad English prepare to enter the studio after they complete the Whitesnake tour in order to ready themselves for a follow-up to their multi-platinum self-titled debut. Jonathan Caine brings us up to date in a candid interview.

When I last caught up with the members of Bad English they had just released their self-titled debut record and were beginning a small theater tour that was to take them across the country. Many had hailed this band the next "supergroup" which band



Courtesy Epic Records

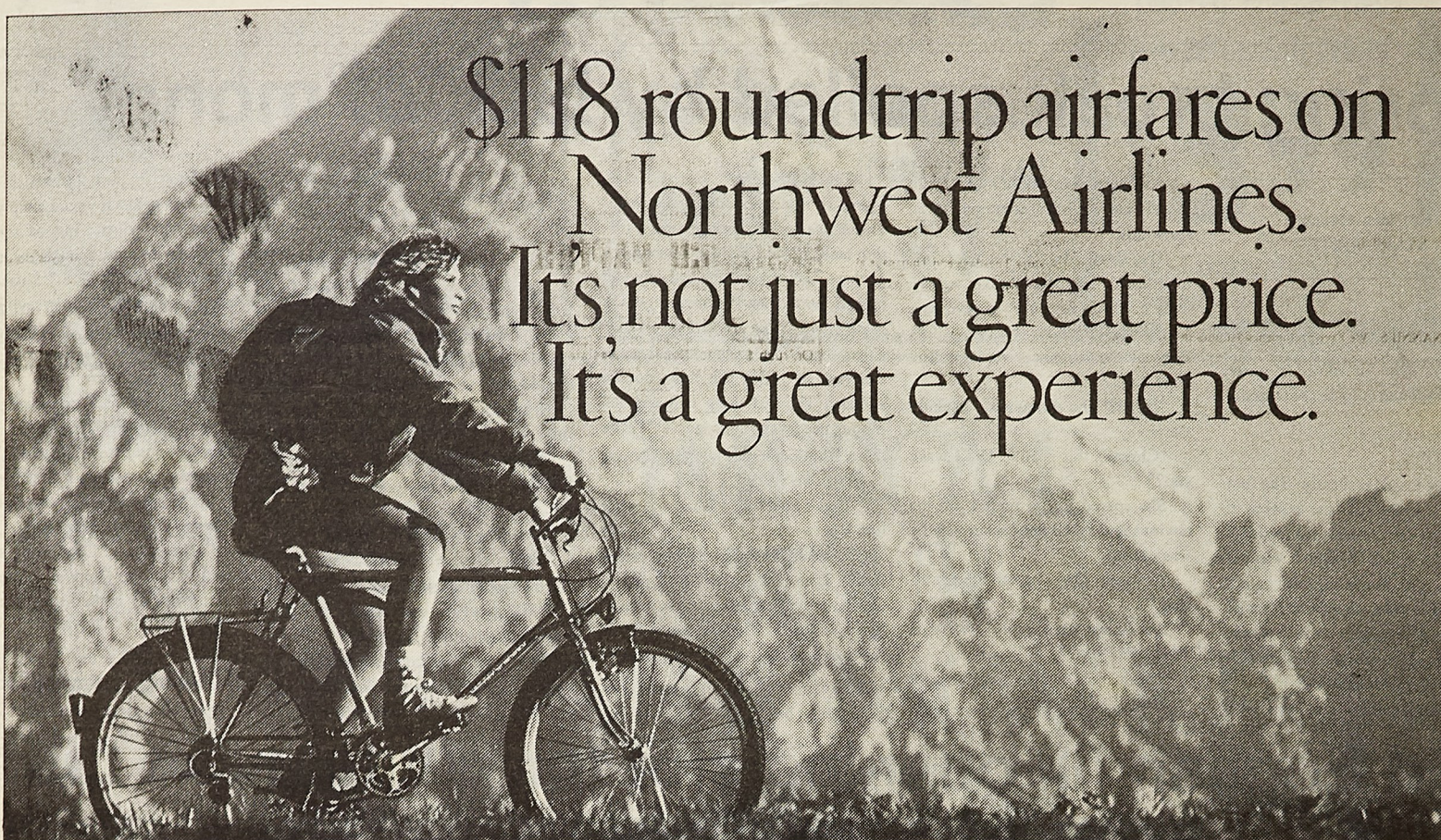
Bad English (pictured l to r: Ricky Phillips, Jonathan Caine, John Waite, Neal Schon and Dean Castronovo) have just released their new video for "Heaven Is A Four Letter Word."

members emphatically denied. "We are just like any other band trying to make a go of it," said keyboard player and songwriter Jonathan Caine. "We don't consider ourselves a 'supergroup.'"

Well, "supergroup" aside, Bad English and it's five members; Caine, vocalist John Waite, bass player Ricky Phillips, guitarist Neal Schon, and drummer Dean Castronovo; have definitely made a name for themselves all over again. Their album has relinquished three chart-breaking singles and videos, of which "When I See You Smile" and "Price Of Love" broke the top twenty on the singles charts. Their first single for "Forget Me Not" started the ball rolling. Continuous touring has landed them a spot as the opening act for the Whitesnake bill which should only enhance their popularity, and bring to light the fact this band is, and always will be, a force to contend with.

And if you thought that was it, think again. Bad English have just released their fourth single and video for the song "Heaven Is A Four Letter Word." A song that depicts the harder side of a band that has the capability to rock with the best. There are even plans for another video which has not yet been decided. Most bands couldn't squeeze five singles out of an album if they tried, but *Bad English* contains 13 exceptional songs that all have the potential to be singles. There is no doubt that this is

see Bad English, page 10



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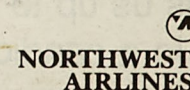
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The Phantom

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Campbell Soup Kid,
Nice house! I wonder if pop can do my taxes next year? Hey, where's Merlin?
Monica? Study hard and see ya at the Life Talks.

Your "Boy?"

Pokey & Girls,
I'm gonna miss you!

Love,
Abner

Dude,
Watch those Perma eyes closed! Open 'em and say cheese.

Perma

Annie,
You can bet your bottom dollar - well just remember tomorrow is only a day away.

Too Tall & Shorty,
How was your break? Did you study? (or course not). When's Clint getting to town?

Music Lover

see, Classifieds page 14



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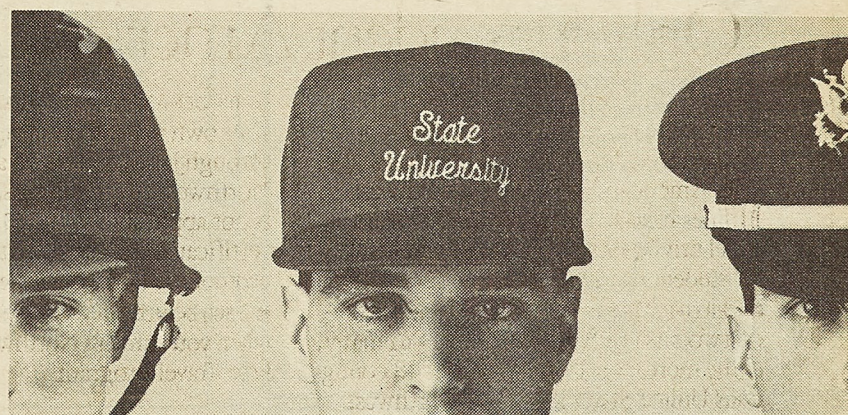
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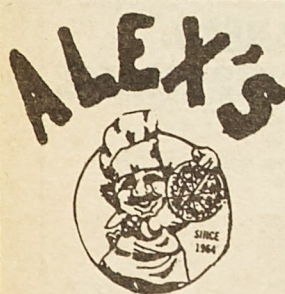
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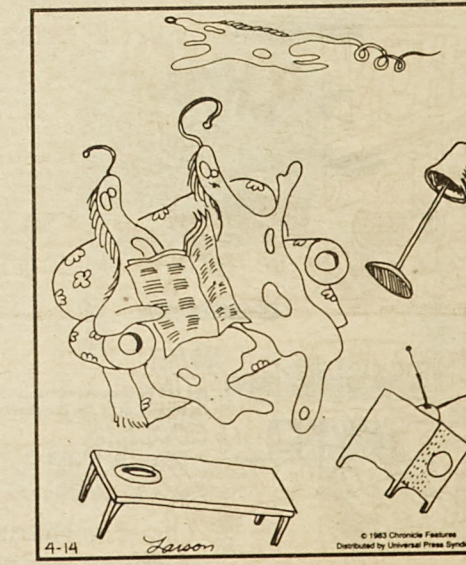
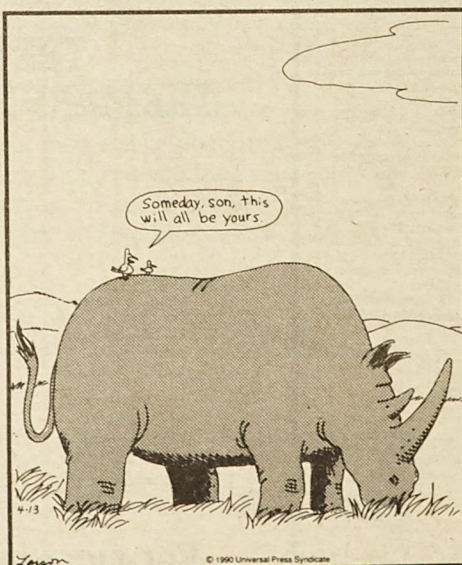
By GARY LARSON



"Egad! Vikings! And they mean business!"



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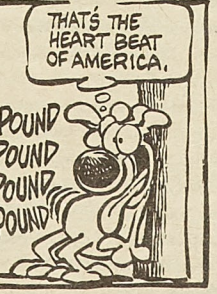
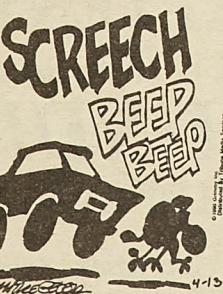
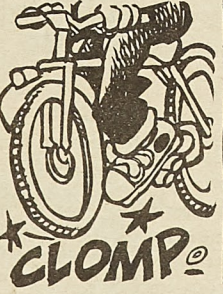
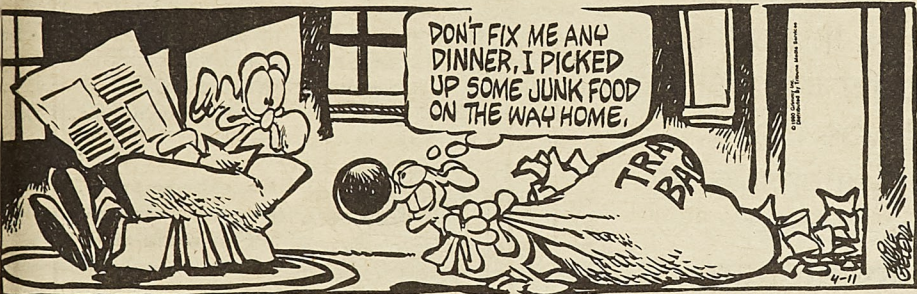
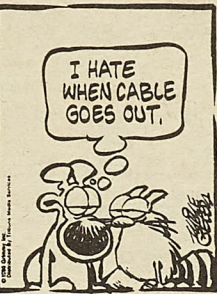


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by Mike Peters



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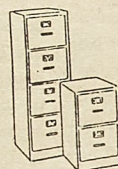
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Bad English

a record that many other rock albums will be judged by.

If the music isn't enough to convince you that this quintet is for real, then you must see them live to be completely convinced. Thier spectacular live show has enough energy to power every rock 'n' roll nerve in your body. These five veterans of the road know how to get a crowd to beg for more. The passion for their music is evident as you feel the emotion draining off of the stage and going right through your body. They have the power to make you, the fan, and themselves into a single entity, if only for an hour. But the feeling is exasperating. You haven't seen a real rock 'n' roll band until you have experienced Bad English.

Don't miss **Bad English** when they open the show for Whitesnake at the **St. Louis Arena on April 25 at 8:00 p.m.** and in an outdoor setting at the **Sandstone in Kansas City on April 29 at 8:00 p.m.** This is a double bill that should absolutely not be missed!!!

I recently spoke with keyboard player extraordinaire Jonathan Caine who brought us up to date on what Bad English has been up to and what they have in store for us in the future.

How are the five of you handling your new found success?

We're very excited about it actually. We had no idea that the album would get accepted like it did. We knew we made a great album, but I think we went into this because we missed being in a band and we missed having fun in a band, and doing all the things that group energy can do. This has just been great because it has shown us that we made the right decision. Friends are the only thing that you choose in life. You make a choice when you choose your friends. And I think this band is about friendship. Maybe that's why it has been successful because it has to do with friendship.

You said that the band didn't know how well the album would do. Did you have any doubts and what were the doubts about the record and the band?

This thing about being a supergroup can sort of jinx you. I've seen a lot of bands that have been called supergroups come and go. We didn't feel that it was put together from that corporate light. This was put together because we all played together years ago and we thought it was time to put it back together and have some fun. I guess you never know. The music business changes so radically every year with the advent of rap and the urban explosion in radio. Nobody would have believed that drum machines would be ruling the airwaves, but they are. Real people are being replaced by computers. No one could have predicted that. When it was first put on the market everybody thought it was cute. Now it has taken a place in the music business and in the sound of

the music. When you see stuff like that change you have to acknowledge that rock still has a place somewhere. There still have to be people who want to see and hear rock 'n' roll. From our standpoint we realize that we are fortunate to have our music played on the radio. There are a few things that we might have liked to have done a little differently on this record, but we had a time limit where we had x amount of months to finish the record. It is very expensive to make a record these days. It is very expensive to actually be in a band these days. We're all from different cities, and we came together to make some music. It was one of those things where we were fortunate that things fell into place like they did.

Do you think this band would have made it if it didn't have a Neal Schon, or John Waite, or Jonathan Caine, in it, with the same music?

I don't know. That's a good question. I think a good song is a good song. It's hard to keep it down. I think we came out quietly enough with our record where we didn't herald it as being this masterpiece, etc. We felt that we had really made a good record for a first record with the five of us, and we felt proud of it. We were all knocked out when we finished it. We thought it was a great collection of music from A to B. I guess if it was a new band they would have listened to it with a little bit more of an open mind. The critics sort of looked at Journey and said, oh no, another incarnation. I think they looked at it a little negatively because of who we were. Not necessarily with an open mind. Because there were a lot of people who liked Journey and a lot of people who didn't like Journey. A lot of people loved The Babys and there were a lot of people who didn't. So when you bring that sort of color in there, that's another part of the history. It makes for an interesting band. I think that everybody has to have a place to come from. It's really hard for a new band to come out of nowhere and have credibility. I think that helped the credibility for this band.

When I spoke with Ricky last year, he said you weren't going to play any Babys stuff, but you have included some Babys songs in the set. Was that because the fans expected it? I think the critics expected it, not the fans. We have thrown in a song here and there. In the right audience it really gets a good reaction. We started doing them after a while. We started the first leg and didn't do any Babys at all. Then after just drawing from one album and doing a couple of cover songs, we decided to go back and replace the cover songs with some Babys songs. It felt better to do that

since three of us were in the Babys. We kicked a couple of those songs around and it's been fun.

I know the band has done a few headlining shows, but are there any plans for you all to go out and do a complete headlining tour after this gig with Whitesnake?

We probably won't. We will probably go back in the studio and make another record. I think that's what our plans are.

So there are plans to do another record?

Yes. We'll probably start recording in December of this year. We will get in the studio and have a new record ready to go in the spring. We've already done over 120 shows as a unit. And we've already done sort of a headline stint, doing the clubs and the smaller

You make a choice when you choose your friends. And I think this band is about friendship. Maybe that's why it has been so successful...
- Jonathan Caine on Bad English' success.

theaters. That's about where we are at with this band. There's really no way to get into the arenas until we make another record. I think then there is a possibility, but that hinges on a lot of things. There's a double-edged sword everywhere you turn. That's one thing I have learned about the business this time. Journey was a different time. There's a lot more pressure in areas to succeed than there ever was. I think there is a lot more awareness on the business end of it and you really have to look at the big picture and plan out your attack. You have to become a tactic and a strategy as a band to survive in the business.

Are the five of you excited about being out with Whitesnake and getting back into the arenas?

I think it is good for the band. Yes, it is very exciting. Some cities our crowd comes and in some cities they don't. We see cities where the crowds are definitely Whitesnake fans and they're very tough to win over. That's good for us because it gives us character and makes us try a little harder. If you can't say it in forty-five minutes

then you don't got it. We usually win over a crowd by then end of a show. I think it is really good for us.

How is this band different from The Baby's and Journey?

I think the time element and the history that has come between this period and that period has enriched people with their experiences and musical taste. I think we've all done things on our own and somewhat succeeded. Now we have brought that back to the table. So there is this awareness about a lot of things musically and business-wise, emotionally, just living day to day. So it's a lot more of a calm situation, even though it gets crazy being out here on the road and everybody gets wild every once in a while. We all know each other's moods and we can read each other because of the friendship. In one way it's brutal because you really can't bullshit anybody in this band. On the other hand it's nice because people can read your moods and leave you alone when you're in a bad mood.

Are we going to see another video from Bad English?

I think there are two more coming. We have a song called "Heaven Is A Four Letter Word" that is a really great video. It is edited by the same gentlemen who did the "Paradise City" video for Guns and Roses. So we are really happy with this video and I think it is our best one to date. It has just been released. Then there's one more to come after that. We're hoping to get a couple more songs from this album if we can.

Are you at liberty to say what the other video is?

Well, they are talking about "Possession." We may say goodnight with that one. Everyone will say "another balad?" We didn't really mean to get all these balads, but they turned out to be the great songs that everybody is embracing. They only play one song nowadays. In the old days it was five tracks. Now everyone goes on cam-

paign for one song which keeps a album alive for a lot longer. In the old days your album would be over in for months. These days it's good because it keeps us on the road a little longer and keeps the stuff fresh.

You've always been an incredible song writer. What inspires you to write all these great songs?

I tell ya. I watch people. I listen to people. I try to stay open to my own feelings and my own life experience. I think it is a blend of those things and finding out what makes people emotional. The things that are important in life to those people and to me are the things I like to write about. As they can vary. But I think love stories with a twist are interesting. The dark side of romance is something that like. It's hard to stay away from cliché's. There are only so many words to express a certain feeling. Then you have to go back and square one again. We are restricted somewhat with the subject matter, but I think that it's a lot of fun to work with these guys because there is so much enthusiasm and energy. John Waite is a poet in his own right. Neal is a master of his instrument. So there's always a wealth of material to draw from. Everybody always has an idea something.

We can't wait to see Bad English. It's going to be a great show!

We are looking forward to it. Whitesnake people have been real great. It's really sort of a party here. Everything has been so pleasant. There haven't been any hassles or problems. This is running really smooth. That's the way rock should be because it's hard enough to be on the road, but when you've got everybody working as a team, it makes the show that much more enjoyable for people to come and see. And I think you will see a great show when it comes.

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Sports

Lady Miners continue winning ways

By Tom Brown
STAFF WRITER

The Lady Miners softball team began spring break on a high note and ended on a low note, as they went 9-5 for the week. They went 4-1 in the MIAA round-robin tournament at Southwest Baptist. This was good enough for second place and the second seed in the post season tourney.

The defense of the Lady Miners posted two shutouts, both going to Kristy Weber, and four runs being the most they allowed, that coming in the lone loss suffered by Jenny Crede. Weber went 3-0 and Crede went 1-1.

The offense came alive in the SEMO game. They faced all of SEMO's pitchers, hammering them 10-2. Teresa Dickenson recorded 2 homeruns, while Lisa Burwell and Caroline Bredemann each added a homerun. Freshman third baseman Lisa Cheeley went 2-3 in the game.

On Tuesday the 3rd, UMR travelled to Jefferson City to take on Lincoln. They won both games 9-7 and 4-2. Jenny Crede came away with the first win recording 10 strikeouts and only 3 walks. She only allowed 2 runs, the others coming on the unaccustomed 7 errors. The Lady Miners came from behind to win the first game. Kristy Weber and Teri Schofield powered the defense, each going



JoAnn Stratman delivers a pitch during a Lady Miner victory last week. The Ladies completed the week with a 17-7 record.

3-4. The second game of the double header had the Lady Miners on top the whole game winning 4-2. Lincoln's two runs were both unearned. JoAnn Stratman got the win allowing only 4 hits.

The following day, UMR hosted the Columbia College Cougars who are nationally ranked in the NAIA. They split the games with Weber winning the first, 4-3, and Crede receiving the loss in the second, 4-3. The Lady Miners took a 3-0 lead in the third and held it until the fifth inning when the Cougars tied it at 3-3. The scoring remained tied going into the 7th & final ending. After the defense turned away the Cougars hitters. It was up to their "sticks" to win the game. Lisa Burwell drove a long shot into left field, getting a double. Dickenson then surprised everyone by reaching first on a bunt, advancing Burwell to third. Caroline Bredemann singled and Burwell was thrown out at the plate on a very questionable call. JoAnn Stratman then drove in the winning run. Dickenson and Dyan Risher each had two hits and "Dy" stealing two bases.

The second game mirrored the first except the roles were reversed. It took eight innings for the Cougars to come away with the 1 run victory. Burwell, Dickenson, and Schofield all had 2 hits.

The Lady Miners headed into the Missouri Southern Classic feeling good about themselves. They left unsure, but optimistic. "The close games will help the team down the road when conference play begins," state Coach Costello. The Lady Miners went 2-3 in the tournament facing good competition. The two wins were against Morning Side College, 2-1, and Northeast Oklahoma, 5-4. Weber chalked up both wins and Crede got a save.

The first games against Morning Side had the Lady Miners down, 1-0, going into the 7th inning. Three consecutive hits put the Lady Miners on top 2-1. Bredemann and Weber each had an RBI for the win. The other win had Weber pitching 5 innings for the win and Crede getting the save on 2 innings pitched, recording three K's. Weber showed her offensive ability by powering a 3-run homerun. Schofield then tripled which allowed Leslie Wickers to deliver an RBI single.

The next game had the Lady Miners on the short end of the stick, losing 8-1. Crede who had pulled a back muscle previously, suffered the loss. "She gave her all in the first game and had nothing left for this one," commented Coach Costello.

The Lady Miners are in action again on Tuesday at home against UMSL and SEMO.

Blades of steel

By Tom Hughes
ASST. SPORTS EDITOR

No this is not the Nintendo video game. This is the Stanley Cup playoffs.

The National Hockey League has finished it's grueling 80 game schedule and now the real season has begun. This is the season for blood, sweat, and tear. Not to mention hard hitting, tight checking, and usually low scoring hockey.

The team that can win 16 more games will be the champion. This team usually is very physical and has excellent special teams play and strong goaltending. Defense first in the battle for Lord Stanley's Cup.

Unlike some sports where parity is the rule not the exception, in these playoffs only the strong survive. There are 16 teams remaining and the best two should battle for the cup.

The Patrick Division provided the most exciting hockey of the year. The final playoff spot went to the New

York Islanders on their last game of the season. They will play in the battle of New York versus the Rangers. The Rangers should prevail in the big apple series behind the strong play of rookie goalie Mike Richter. The New Jersey Devils battle the Washington Capitals in the other Patrick Division matchup. The Devils with Chris Terreri in nets should keep the perennially playoff weak Capitals reeling.

The Adams Division will feature the best first round matchup pitting the Buffalo Sabres against the Montreal Canadiens. These are two of the top five teams in the NHL. The Canadians' playoff mystique along with Patrick Roy between the pipes should lead them to victory. The other Adams matchup will have the best team during the regular season, the Boston Bruins, defeating the Hartford Whalers. The Bruins are the NHL's stingiest team.

The Smythe Division has the reigning champion Calgary Flames.

They tangle with the L.A. Gretzky's. The goaltending of Mike Vernon will help the Flames prevail. The matchup of the Edmonton Oilers versus the Winnipeg Jets is most interesting. Neither team is blessed with strong goaltending. Mark Messier should lead the Oilers to victory in this high scoring series.

The improved "Chuck" Norris Division has the NHL's most improved team in the Chicago Blackhawks. The Hawks however spent too much energy capturing the division title and will fall in the first round to the Minnesota Northstars. The St. Louis Blues will end a mastery which the Toronto Maple Leafs owned over them in the regular season. Their grinding style will stymie the high scoring Leafs.

The quarter finals should be decided by defense. The better defensive teams will prevail. The Rangers, Bruins, Flames, and Blues should all advance to the NHL's final 4.

The semifinals will show exactly where the power of the NHL lies. The Bruins and Flames are teams talented with playoff experienced, grizzly

veterans. They will outclass their younger counterparts, the Rangers and Blues, respectfully.

The Stanley Cup finals will feature the league's top two teams. The Bruins and Flames battled all year for braggin' rights as the league's best team. Boston won that battle, but Calgary will win the war.

The Flames are the defending champs and will repeat as champs in six games. The Flames play great defensive hockey as do the Bruins. The goaltending is also equal. The difference in this series is offense. Joe Nieuwendyk, Joe Mullen, Doug Gilmour, and Co. will prove too much for the Bruins.

Intramurals

Intramurals
SOURCE

The top five teams for the entire school year with just three sports remaining are:

Pi Kappa Alpha 2535.0
Sigma Nu 2522.5
Sigma Epsilon 2285.5
Phi Kappa Theta 2230.0
Sigma Pi 2082.5

Athlete of the Week for last week was Chad Hamilton. Chad easily won the 177 pound weight class in intramural wrestling for Delta Sig. The Team of the Week was PiKA as they were intramural champions of the wrestling tournament.

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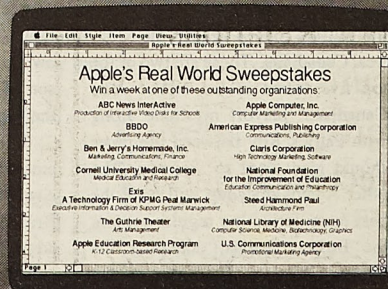
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Spring break

from page 5

and the news about her uncle had likely depressed her even more. What she needed to do was to get away for a while, but that seemed the last thing she wanted to do. Sometimes he forgot how long he'd known her. Had it been just three weeks since Anne had introduced them at that fast food place? She and Anne were taking a class together and were on a study break. Anne, of course, was his former roommate's ex-girlfriend's sister whose blind date with him last year had turned into a nightmare fiasco. She was still talking to him, though, amazingly enough. He liked to joke that it had been love at first sight. The truth was, Christie's first 'hello' had been colder than a winter day, and he had had to expend much effort to get her to like him. It seemed it was time for more effort. He had to find out what was bothering her.

Off at last! The week was finally over and spring break had begun. Chad looked frantically around the room. He had forgotten something, and he couldn't for the life of him figure out what it was. The others would be here any minute...Right on cue, there was a knock on the door. It was Anne, with yet another beautiful companion.

"Ready to hit the slopes Chad?" she asked cheerfully. "Oh, this is my

friend Julie. We got the last two places on your ski tour."

"Great!" he said, his outward jubilation making his inward dismay.

"Jake wants too know if we can take your car too. It's kind of cramped as things are."

"Sure. I'll let him know and get the car started."

The phone rang seconds after he



walked out of the front door.

"Hello?" Anne answered.

There was a pause before the caller answered.

"Is Chad there? This is Christie," said Christie, wondering what a girl was doing at Chad's place.

"Christie? This is Anne. What do you want to talk to Chad about?" To Julie, she said, "Christie's this girl in one of my classes. She stands between me and an 'F'."

"What does she want?" Julie

asked. "Is she a friend of Chad's?"

"No way. He's not that desperate." To Christie, she said, "Well, he's rather busy right now."

"So he hasn't left on his ski trip yet?"

"Ski trip?"

"Yes, I wanted to talk to him. Do you know if those two places on the group are still open?"

"I need to make a phone call. You girls go ahead."

Anne and Julie exchanged glances, but obeyed.

"Hi Christie, this is Chad."

She hung up promptly. Chad groaned. What now? He looked at his watch. There wasn't time to go by her place.

"You're going the wrong way!"



"Well, no. I got one. And he bought along Julie. She's this girl he went to high school with," Anne lied fluently.

"Another one of those pretty rich girls," Christie thought. She couldn't have known when she turned Chad's offer down he would find someone else. "Thanks, tell him I called," she said, and hung up.

"Who was that on the phone?"

"No one. Wrong number," Anne said glibly. She winked at Julie.

Anne protested.

"There's something I have to do. It won't take long."

"This is Christie's place," Anne said, as Chad parked.

He made no comment. Christie answered the door almost as soon as he rang the bell.

"Chad!"

"Christie, we have to talk."

"No, there's nothing to talk about. Get going on your ski trip. You don't want to keep Julie waiting."

"Julie? What on earth are you talking about?"

"Don't play innocent, Chad. To you, I'm disposable. Let it be. Go have fun on your ski trip. Hurry before the snow in Colorado melts"

"Look, I just called to say goodbye, and when you hung up, I knew something was wrong. I'd rather sort it out now than wait till I get back."

"Well, I tried to call you, but Anne said you were busy."

"Anne? She didn't tell me you called. Wait, what else did she say?"

Christie frowned. "She said you brought Julie along."


"I haven't known the girl even fifteen minutes. As far as I know she's Anne's friend."

"I see." Christie sounded unconvinced. "You'd better get going. Sort this out with Anne, and we'll talk when you get back."

"I'll call you."

"Bye." She still sounded unconvinced.

He would call, he had to. And he had to wonder if she really thought he would take off with the first girl that came along. He'd send her flowers before he got back. Three weeks was too short a time to have known her and to take much for granted.



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Classifieds

from page 7

Jeff, How sure you? I'm so sure!

Cyn, Get psyched for volleyball at K-Sig!

Sues, Don't forget to keep up with the reading and to do the homework ahead of time! Only 5 weeks left!

ME227 Fanatics, I understand.

Fer, I understand.

Stewqueen, What is it now? Schmoo queen?

Sues, How long did dinner take?

Cyn, Michelle, You're a cool big big sis!

LiCO, I love my big sis!

Lonie, I love my big sis!

De-Energized, You guys are awesome big brothers! I sure will miss you!

Jason C. & Matt L., You're a great little brother!

Toan, Don't overwork yourself. Good luck with those silly transistors.

Roomie, LiCO, Cindy

LYLS, Mindy

Greggor, Did you get all your papers done? Thanks for going to the retreat. Do you want to have any kind of graduation party?

Sues, I love EG10!! I know you do too!

K, Let's have a slumber party soon!

Koinonia, Don't forget the Life Talks at 6:30 pm Monday nights in 333 TJ. Be there!

Briton's bu

LiCO, Your roommates

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Terry D'Aria (x4156) Academic Extension	Dr. Bob Davis (x4151) Engineering	Dr. Charles Edwards (x4674) Engineering Mechanics	Dr. Ron Fannin (x4974) Freshman Engineering
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Faculty and Staff wishing to affiliate with us, may contact:

Faculty/Staff Christian Fellowship

c/o Wayne Little
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Co-op Employment

Co-op Addition for Month of April, 1990

Interview date: Wed., April 18, 1990

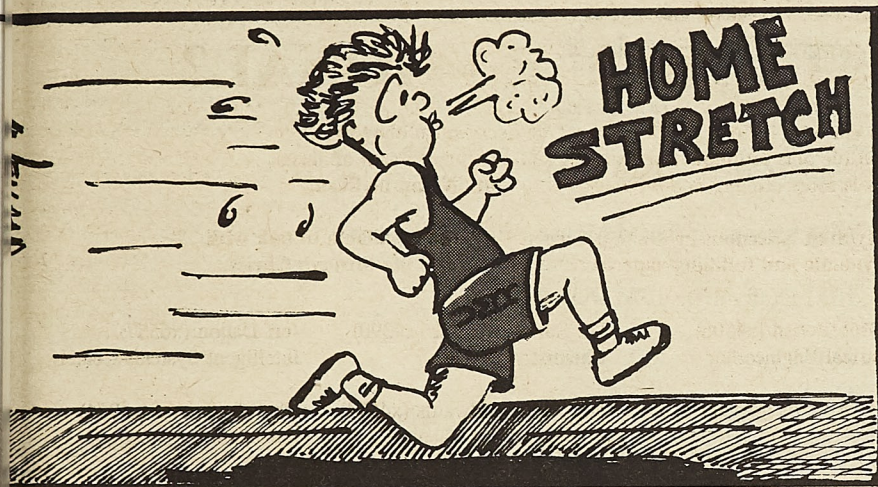
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1 schedule - 12 interview openings







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NUMBER OF SCHEDULES: 1
MAJORS: BS/MS Computer Science
POSITION: Computer Programmer
LOCATION: Jefferson City, MO
MAY, JULY 1990 grads
INTERVIEWS WILL BE ONE HOUR IN LENGTH

INTERVIEW SIGNUP DATE: Wednesday, April 11, 1990
INTERVIEW DATE: April 16, 1990

DEERE & COMPANY
John Deere Road
Moline, IL 61265
attn: Ms. Sandy Bishop

NUMBER OF SCHEDULES: 2
MAJORS: BS/MS Computer Science
POSITION: Computer Programmers
(Detailed job description available)
LOCATION: Moline, IL
MAY, JULY 1990 grads

INTERVIEW SIGNUP DATE: Wednesday, April 11, 1990
INTERVIEW DATE: April 17, 1990



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